

Sewer Services Inc.
25648 200th Street
Belle Plaine, MN 56011

Invoice

*DBA-Swedlund's, Sullivan's, Thaemert's, Freiermuth,
 Northern Cesspool, Dave's Custom Digging*

PAID
06/29/2020

| | |
|-----------|-----------|
| Date | Invoice # |
| 6/29/2020 | 14450 |

Bill To:

Storlie, Charles
 14323 Highway 61 Boulevard
 Welch, MN 55089

Terms

Due on receipt

| Description | Rate | Qty | Amount |
|--|--------|-----|--------------------|
| Residential Pumping 1st 1000 gals | 320.00 | | 320.00 |
| Additional gallons pumped (per 1000) | 115.00 | 0.5 | 57.50 |
| Baffle Install | 200.00 | | 200.00 |
| Septic Compliance Inspection - Residential | 439.00 | | 439.00 |
| Filing fee | 5.00 | | 5.00 |
| Fuel Surcharge per hour | 5.00 | | 5.00 |
| Sales Tax | 0.00% | | 0.00 |
| Payments/Credits | | | -\$1,026.50 |
| Balance Due | | | \$0.00 |



Minnesota Pollution Control Agency

520 Lafayette Road North
St. Paul, MN 55155-4194

Compliance Inspection Form

Existing Subsurface Sewage Treatment Systems (SSTS)

Doc Type: Compliance and Enforcement

Inspection results based on Minnesota Pollution Control Agency (MPCA) requirements and attached forms – additional local requirements may also apply.

Submit completed form to Local Unit of Government (LUG) and system owner within 15 days

For local tracking purposes:

System Status

System status on date (mm/dd/yyyy): 6/26/2020

Compliant – Certificate of Compliance
(Valid for 3 years from report date, unless shorter time frame outlined in Local Ordinance.)

Noncompliant – Notice of Noncompliance
(See Upgrade Requirements on page 3.)

Reason(s) for noncompliance (check all applicable)

- Impact on Public Health (Compliance Component #1) – Imminent threat to public health and safety
- Other Compliance Conditions (Compliance Component #3) – Imminent threat to public health and safety
- Tank Integrity (Compliance Component #2) – Failing to protect groundwater
- Other Compliance Conditions (Compliance Component #3) – Failing to protect groundwater
- Soil Separation (Compliance Component #4) – Failing to protect groundwater
- Operating permit/monitoring plan requirements (Compliance Component #5) – Noncompliant

Property Information

Parcel ID# or Sec/Twp/Range: _____

Property address: 14323 Hwy 61 Blvd, Welch Reason for inspection: Sale

Property owner: Charles Strolie Owner's phone: 612-709-5568

or
Owner's representative: _____ Representative phone: _____

Local regulatory authority: Goodhue County Regulatory authority phone: _____

Brief system description: 1500/2 septic tank with a gravity trench system

Comments or recommendations:

Certification

I hereby certify that all the necessary information has been gathered to determine the compliance status of this system. No determination of future system performance has been nor can be made due to unknown conditions during system construction, possible abuse of the system, inadequate maintenance, or future water usage.

Inspector name: Josh Swedlund Certification number: C1659

Business name: Sewer Services Inc. License number: 2502

Inspector signature: [Signature] Phone number: 952-873-3292

Necessary or Locally Required Attachments

- Soil boring logs
- System/As-built drawing
- Forms per local ordinance
- Other information (list): _____

1. Impact on Public Health – Compliance component #1 of 5

Compliance criteria:

| | |
|---|---|
| System discharges sewage to the ground surface. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| System discharges sewage to drain tile or surface waters. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| System causes sewage backup into dwelling or establishment. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

Any “yes” answer above indicates the system is an imminent threat to public health and safety.

Comments/Explanation:

Verification method(s):

- Searched for surface outlet
- Searched for seeping in yard/backup in home
- Excessive ponding in soil system/D-boxes
- Homeowner testimony (See Comments/Explanation)
- “Black soil” above soil dispersal system
- System requires “emergency” pumping
- Performed dye test
- Unable to verify (See Comments/Explanation)
- Other methods not listed (See Comments/Explanation)

2. Tank Integrity – Compliance component #2 of 5

Compliance criteria:

| | |
|--|---|
| System consists of a seepage pit, cesspool, drywell, or leaching pit. <i>Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Sewage tank(s) leak below their designed operating depth. If yes, which sewage tank(s) leaks: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

Any “yes” answer above indicates the system is failing to protect groundwater.

Comments/Explanation:

Verification method(s):

- Probed tank(s) bottom
- Examined construction records
- Examined Tank Integrity Form (Attach)
- Observed liquid level below operating depth
- Examined empty (pumped) tanks(s)
- Probed outside tank(s) for “black soil”
- Unable to verify (See Comments/Explanation)
- Other methods not listed (See Comments/Explanation)

3. Other Compliance Conditions – Compliance component #3 of 5

- a. Maintenance hole covers are damaged, cracked, unsecured, or appear to be structurally unsound. Yes* No Unknown
- b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety. Yes* No Unknown
***System is an imminent threat to public health and safety.**

Explain:

- c. System is non-protective of ground water for other conditions as determined by inspector. Yes* No
***System is failing to protect groundwater.**

Explain:

4. Soil Separation – Compliance component #4 of 5

Date of installation: 5/1/1999 Unknown
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging? Yes No

Compliance criteria:

For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead Protection Area or not serving a food, beverage or lodging establishment: Yes No
Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.

Non-performance systems built April 1, 1996, or later or for non-performance systems located in Shoreland or Wellhead Protection Areas or serving a food, beverage, or lodging establishment: Yes No
Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*

"Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules (7080.2350 or 7080.2400 (Advanced Inspector License required) Yes No
Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.

Verification method(s):

Soil observation does not expire. Previous soil observations by two independent parties are sufficient, unless site conditions have been altered or local requirements differ.

- Conducted soil observation(s) (Attach boring logs)
- Two previous verifications (Attach boring logs)
- Not applicable (Holding tank(s), no drainfield)
- Unable to verify (See Comments/Explanation)
- Other (See Comments/Explanation)

Comments/Explanation:

Boring:
1-13" 10yr 2/2 Loam
14-36" 10 yr 4/4 sandy loam
37-75" 10 yr 4/6 sandy Loam
No Redox

Indicate depths or elevations

| | |
|--|----------|
| A. Bottom of distribution media | 36" |
| B. Periodically saturated soil/bedrock | over 75" |
| C. System separation | 39"+ |
| D. Required compliance separation* | 36" |

*May be reduced up to 15 percent if allowed by Local Ordinance.

Any "no" answer above indicates the system is failing to protect groundwater.

5. Operating Permit and Nitrogen BMP* – Compliance component #5 of 5 Not applicable

Is the system operated under an Operating Permit? Yes No **If "yes", A below is required**

Is the system required to employ a Nitrogen BMP? Yes No **If "yes", B below is required**

BMP = Best Management Practice(s) specified in the system design

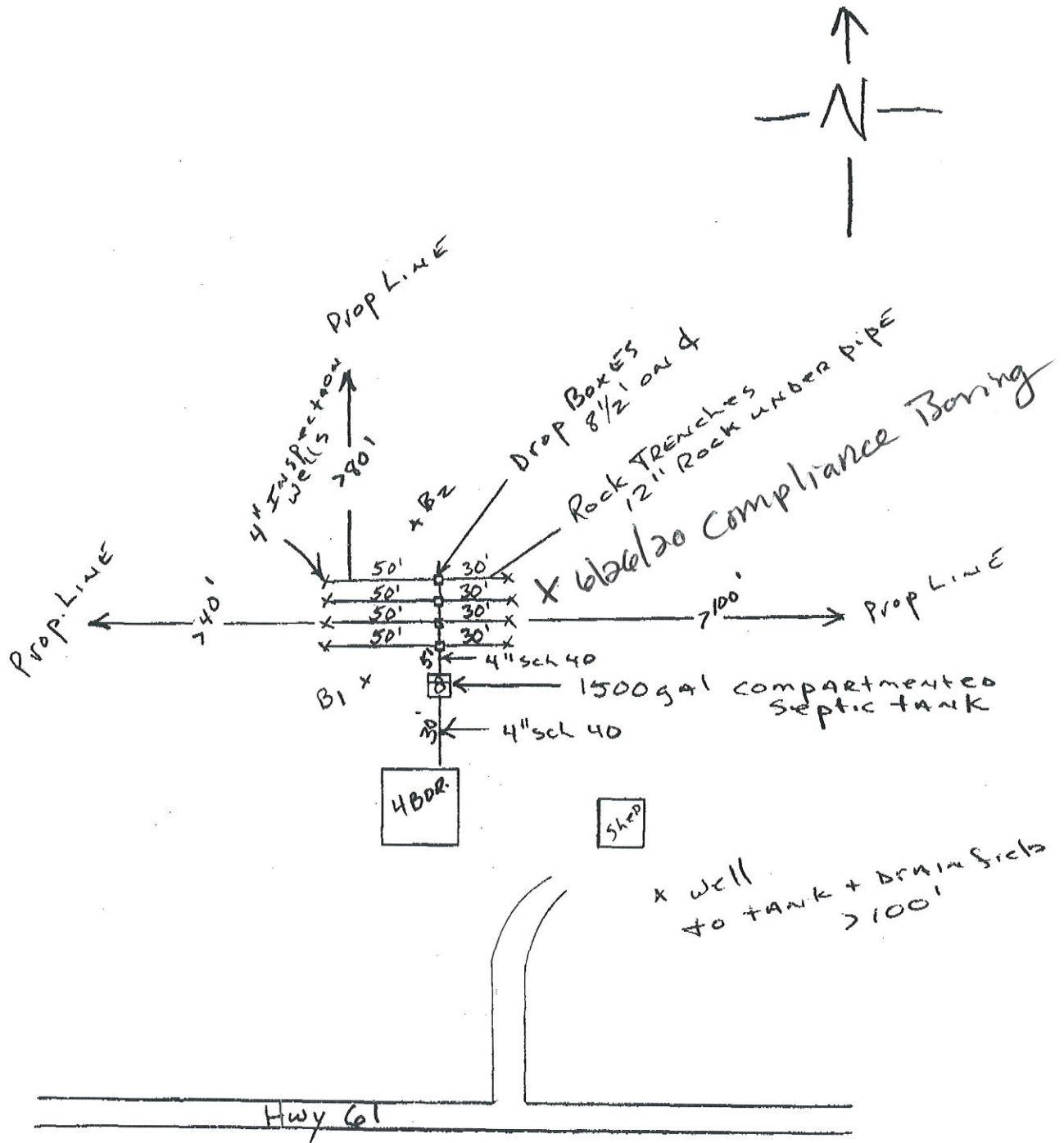
If the answer to both questions is "no", this section does not need to be completed.

Compliance criteria

- a. Operating Permit number: _____
Have the Operating Permit requirements been met? Yes No
- b. Is the required nitrogen BMP in place and properly functioning? Yes No

Any "no" answer indicates Noncompliance.

Upgrade Requirements (Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, the system must be upgraded, replaced, or its use discontinued within the time required by local ordinance. If an existing system is not failing as defined in law, and has at least two feet of design soil separation, then the system need not be upgraded, repaired, replaced, or its use discontinued, notwithstanding any local ordinance that is more strict. This provision does not apply to systems in shoreland areas, Wellhead Protection Areas, or those used in connection with food, beverage, and lodging establishments as defined in law.



14323 Hwy 61 Blvd.
 R.46.009.0900

RWB
 MPCA #190

Benson Septic Design

Soil Borings:

B1

| | <u>Texture</u> | <u>Color</u> | <u>Structure</u> |
|--------|----------------------|--------------|------------------|
| 0-12" | silt loam | 10yr2/2 | blocky |
| 12-20" | silt loam | 10yr4/3 | blocky |
| 20-40" | silt loam | 10yr4/4 | blocky |
| 40-76" | silt loam, fine sand | 10yr5/4 | |

B2

same as B1

B3

B4

Water table present? no Depth:
Mottled soil present? no Depth:
Limestone or sandstone bedrock present? no Depth:

Perc Data:

Test Date: 4/30/99

Depth of test: 24-40" Soil texture at 24-40" silt loam 10yr4/4 blocky

Perc. rate= 30-45 mpi
% fine sand: > 50.00%

Soil sizing factor= 2

Property address: **14323 Hwy 61 Blvd, Welch, MN 55087** Inspector initials/date: **Sub B 4/12/13**

4. Soil Separation -- Compliance component #4 of 5

Date of installation: **6/6/99** Unknown
 Shoreland/Wellhead protection/Food Beverage Lodging? Yes No

Compliance criteria:
 For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead Protection Area or not serving a food beverage or lodging establishment Yes No

Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock Yes No

Non-performance systems built April 1 1996, or later or for non-performance systems located in Shoreland or Wellhead Protection Areas or serving a food beverage, or lodging establishment Yes No

Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock Yes No

Experimental, Other, or Performance systems built under pre-2008 Rules, Type IV or V systems built under 2008 Rules (7080 2350 or 7080 2400 (Advanced Inspector License required): Yes No

Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock Yes No

Any "no" answer above indicates the system is Failing to Protect Groundwater.

Verification method(s):

Soil observation does not expire. Previous soil observations by two independent parties are sufficient unless site conditions have been altered or local requirements differ.

- Conducted soil observation(s) (Attach report(s))
- Two previous verifications (Attach report(s))
- Not applicable (Holding tank(s) no drain field)
- Unable to verify (See Comments/Explanation)
- Other (See Comments/Explanation)

Comments/Explanation: **B. Rules**
 0-10" F.I.
 10-23" 10xR 1/2 Silt Layer
 23-38" 10xR 1/3 Silt Layer
 38-60" 10xR 1/4 Silt Layer
 60-78" 10xR 3/4 Silt Layer
 FINE SAND
 NO BEDROCK

Indicate depths of elevations

- A Bottom of distribution media **36"**
- B Periodically saturated soil/bedrock **> 63"**
- C System separation **> 38"**
- D Required compliance separation **36"**

*May be reduced up to 15 percent if allowed by local Ordinance

5. Operating Permit and Nitrogen BMP* -- Compliance component #5 of 5 **Not applicable**

- Is the system operated under an Operating Permit? Yes No If "yes", A below is required
- Is the system required to employ a Nitrogen BMP? Yes No If "yes", B below is required

BMP: Best Management Practices specified in the system design

If the answer to both questions is "no", this section does not need to be completed.

Compliance criteria

- a. Operating Permit number Yes No
- Have the Operating Permit requirements been met? Yes No
- b. Is the required nitrogen BMP in place and properly functioning? Yes No

Any "no" answer indicates Noncompliance.

Upgrade Requirements (Minn. Stat. § 115.35) An imminent threat to public health and safety (ITPHS) must be upgraded, repaired, replaced, or discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is not a public health and safety threat, the system must be upgraded, repaired, or its use discontinued within the time required by local ordinance, if an existing system is not complying as defined in law, and has at least two feet of design soil separation. Then the system need not be upgraded, repaired, replaced, or its use discontinued, notwithstanding any local ordinance that is more strict. This provision does not apply to systems in shoreland areas, Wellhead Protection Areas, or those used in connection with food, beverage, and lodging establishments as defined in law.

SEPTIC SYSTEM FIELD INSPECTION REPORT

COMMUNITY HEALTH SERVICE OF GOODHUE & WABASHA COUNTIES
419 Bush Street - Red Wing, MN 55066
(651) 385-6464

Permit Number

99-037

Installer Contractor SELF INSTALLED License # SELF INSTALLED 462009-0900 Parcel Number
 Owner of System- MARGARET CLOVER Name Address 14323 Hwy 61 Blvd Welch MN 55089 City State Zip Code
 Septic System Location WELCH 113N 16W 9 Township Range Section County GOODHUE

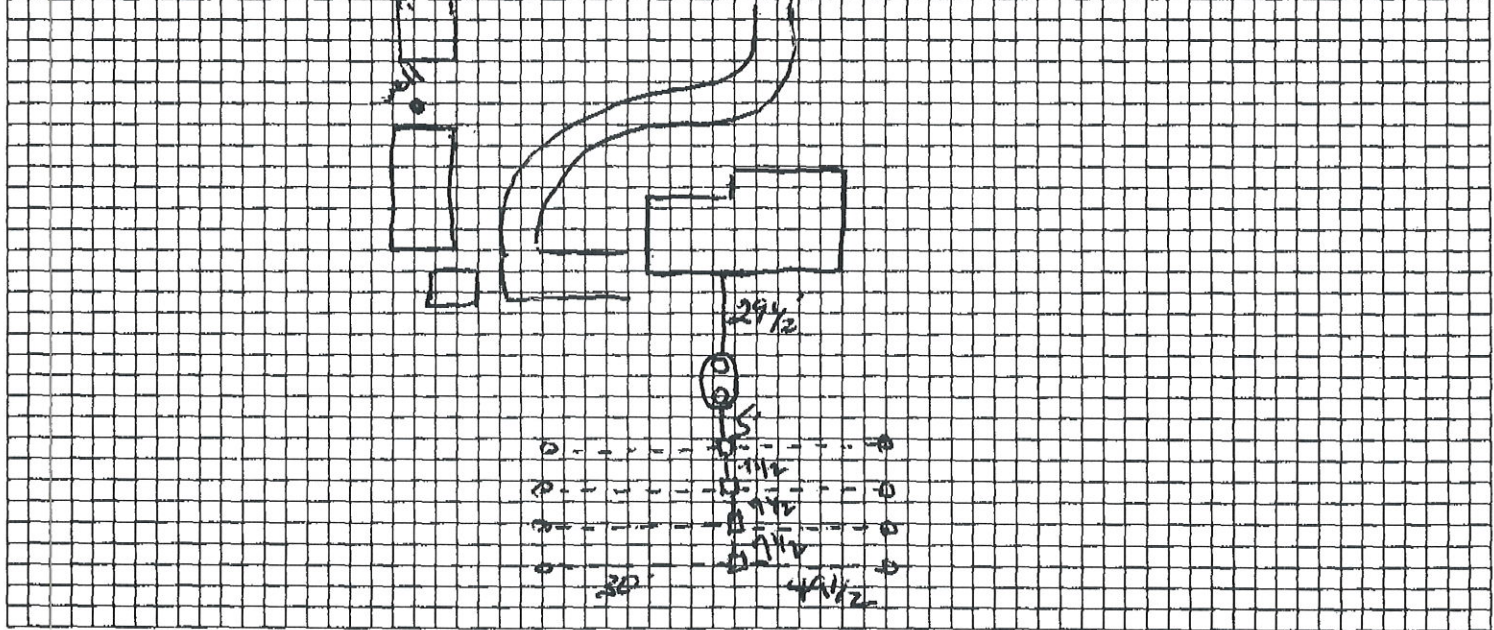
Contractor Information: Licensed By Minnesota Pollution Control Agency (MPCA)
 Classification of System: New Construction Replacement System House
 Other _____ Type of House: I II III IV

Number of Bedrooms/Tank Size:
 2 - 750 Tank 1,250 3 - 1,000 1,500 4 - 1,000 1,500
 5 - 1,500 2,250 6 - 1,500 2,250 7 8 9 - 2,000 3,000
 Garbage Disposal Installed Two Compartment Septic Tank/Two Tanks

Type of System:
 Gravity System Lift Station Tank Size Pressure System Alternative System
 Alternative System Mound Design At Grade System Infiltrator System

Distance Location:
 100' from Well (50' from Cased/Grouted Well) 3' Separation Distance from Water Table and Bedrock
 10' from Property Line 10' from Other Buildings 20' from Buildings with Soil Treatment Area

Soil Type:
 Course Sand Find Sand 1.67 Loam 1.67 Clay Loam 2.20
 Sand 0.83 Sandy Loam 1.27 Silt Loam 2.00 Clay



Remarks and Orders:
320' Total ± 12\" of ROCK UNDER LINES

OLD SEPTIC FILLED UNDER HOUSE
NEVER INSTALLED AT PRESENT TANK

Approved for Garbage Disposal Not Approved for Garbage Disposal
 In compliance with MN Rules Chapter 7080 Under Normal Usage Not in compliance
 INSPECTOR'S NAME [Signature] Date: 5-3-99
 Received By [Signature] Date: 5-3-99

White - Office Copy Yellow - Homeowner Copy Pink - Contractor Copy Goldenrod - Zoning Dept

Pumping Report

Sewer Services Inc.

Lic: 2502

Date Serviced: 6-26-20

Driver: Justin W. Johnson

Type: Residential Commercial

Scheduled Maintenance: Yes

Emergency Services:

Start time:

Stop time:

Name: Charles Storlie

Phone:

Address: 14323 Hwy 61

City: Welch

Did you measure the accumulation of scum and sludge?

Yes No, pumped regardless

| | Tank 1 | Tank 2 | Tank 3 | Tank 4 | Pretreatment | Pump Tank |
|-----------------|--------------|--------------|--------|--------|--------------|-----------|
| Gallons Billed | <u>1000</u> | <u>500</u> | | | | |
| Scum | | | | | | |
| Sludge | | | | | | |
| % full | | | | | | |
| Operating Depth | | | | | | |
| Access used | <u>M/H</u> | <u>M/H</u> | | | | |
| Depth to lid | <u>Grade</u> | <u>Grade</u> | | | | |
| | | | | | | |

I _____, refuse to allow the removal of the solids and liquids through the maintenance hole. I understand that removal of solids and liquids through other access points is not considered a compliant method of solids removal and does not fulfill the solids removal requirements of Minn. R. 7080.2450 and 7082.0600

Owner's Signature: _____

Tank Type - Precast - Block - Concrete - Plastic - Other

Filter: Yes No Type of system: Mound - Gravity - Holding Tank - Elevated Trench/Bed

Type of waste: Domestic - Holding

Are tanks leaking above or below flow line? Yes No If yes, where: _____

Did you observe sewage discharging onto the ground surface? No Yes, _____

Pump Size: M/A Electrical condition: M/A

Are all of the covers securely replaced? Yes No, _____

Safety concerns: N/A

Disposal site: WATERTOWN

Next recommended pumping: 3 yrs Length of hose required: 1-Hose

Comments/Troubleshooting/Repairs: Compliance

Location of tanks in yard: NE of House in Garden

Sewer Services Inc. 25648 200th Street - Belle Plaine, MN 56011 - 952-873-3292

Septic tanks should be pumped every 1 to 3 years. Many different variables determine how often a tank needs pumping:

- Type and age of system
- Number of people in the house
- Garbage disposal
- Tank history

**PUMP REPLACEMENTS,
INSPECTIONS & REPAIR**

State Certified

25648 200th St • Belle Plaine, MN 56011 • 952-873-3292

Billing Information

Pumping (first 1000 gal.): 320⁰⁰

Additional gallons (\$115.00 per 1000 gal.): 57⁵⁰

Servicing Pump Tank (\$55.00): _____

Exposing Manholes (12" deep or less no charge): _____

Excessive Distance (more than 120'): _____

Excessive Grade (more than 20' total lift): _____

Riser: _____

Emergency Charge: _____

Materials: Install outlet Baffle 200⁰⁰

Labor: Compliance 439⁰⁰

Permit: _____

Filing Fee: \$5.00 Fuel Surcharge: \$5.00

Payment Method: Total Due: 1026⁵⁰

None _____ - Cash _____ - Check _____ (# _____)